

GENERIC MECHANICAL ENGINEERING CURRICULUM with *(Sched)* and *(Pre-reqs)*

Q T R					
1	MA1115 (1,2,3,4) Multi-Variable Calculus (4-0) (MA1113-4/EQ)	ME2101 (1,3) Thermodynamics (4-2) (MA1118)	ME2503 (1,3) Engineering Statics & Dynamics (5-0) (MA1118-C)	NW3230 (1,2,3,4) Maritime and Joint Strategic Planning (4-0) (-)	MA1116 (1,2,3,4) Vector Calculus (3-0) (MA1113-4/EQ)
2	MA 2121 (1,2,3,4) Diff Eqns (4-0) (MA1115-6)	ME2601 (2,4) Mechanics of Solids I (4-1) (ME2503/MA1118)	MS2201 (2,4) Materials Science (3-2) (-)	OS3104 (2) Probs & Stats for Engineers (4-0) (-)	MA2043 (1,2,3,4) Linear Algebra (4-0) (-)
3	MA3132 (1,2,3,4) Partial Differential Equations (4-0) (MA2139)	MA3232 (1,2,3,4) Numerical Analysis (4-0) (MA2139/EC1010)	ME3611 (1,3) Mechanics of Solids II (4-0) (ME2601)	ME2201 (1,3) Fluid Mechanics I (3-2) (ME2503)	
4	EO2102 (2,4) Intro to Circuit & Power Systems Analysis (4-2) (-)	ME3521 (2,4) Mechanical Vibrations (3-2) (ME2503/ME2601/MA2139)	ME3201 (2,4) Applied Fluid Mechanics (4-1) (ME2101/ME2201/MA3132)	ME3150 (2,4) Heat Transfer (4-1) (ME2101/ME2201/MA3132-C)	
5	ME2801 (1,3) System Dynamics (3-2) (ME2503/MA2139)	MS3202 (1,3) Failure Analysis and Prevention (3-2) (MS2201)	ME3711 (1,3) Machine Design (4-1) (ME2601)	ME3450 (1,3) Computational Methods in Mech Engineering (3-2) (EC1010/MA3232/ME3150/ME3201/ME3611)	
6	ME3801 (2,4) Automatic Controls (3-2) (ME2801)	ME3240 (2,4) Marine Power and Propulsion (4-2) (ME2101, ME2201)	ME3712 (2,4) Systems Design (4-2) (ME3711)	ME4999 Specialization Elective	
7	ME0810 Thesis	ME0810 Thesis	ME4999 Specialization Elective	MS3304 Corrosion (3) (3-2) (MS2201) - OR - MS3606 Welding (1) (3-2) (MS2201/MS3202)	
8	ME0810 Thesis	ME0810 Thesis	ME4999 Specialization Elective	TS3001 (2,4) Naval Architecture (3-2) (ME2201/ME2601)	